(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 17 August 2006 (17.08.2006)

(10) International Publication Number WO 2006/085890 A2

- (51) International Patent Classification: Not classified
- (21) International Application Number:

PCT/US2005/011372

- (22) International Filing Date: 1 April 2005 (01.04.2005)
- (25) Filing Language: English
- English (26) Publication Language:
- (30) Priority Data:

5 April 2004 (05.04.2004) US 60/559,550 60/590,209 22 July 2004 (22.07.2004) US

- (71) Applicants (for all designated States except US): SAMARITAN PHARMACEUTICALS, INC. [US/US]; 101 Convention Center, Suite 310, Las Vegas, NE 89109 (US). GEORGETOWN UNIVERSITY [US/US]; 37th & O Streets, N.W., Washington, DC 20057-1408 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): LECANU, Laurent [FR/US]; 8370 Greensboror Drive, Building #4, Apt. 706, Mclean, VA 22102 (US). GREESON, Janet [US/US]; 2877 Paradise Road, Suite 801, Las Vegas, NC 89109 (US). PAPADOPOULOS, Vassilios [US/US]; 15417 Peach Leaf Drive, North Potomac, MD 20878 (US).

- (74) Agents: CLISE, Timothy, C. et al.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ANTI-HIV QUINUCLIDINE COMPOUNDS



thereof.

(57) Abstract: The invention provides a therapeutic method for preventing or treating a pathological condition or symptom in a mammal, such as a human, wherein the infectivity of a pathogen such as a retrovirus toward mammalian cells is implicated and inhibition of its infectivity is desired comprising administering to a mammal in need of such therapy, an effective amount of a benzoylquinuclidine derivative that inhibits pathogenic infectivity, including pharmaceutically acceptable salts